	Bridge Culvert Inspection											
Bridge File Number 75306 -1 Bridge Culvert				Form Type		CUL1						
Year Built					Lot No.		3					
Bridge or Town Name SUNNYSLOPE						Inspector Name		Dave Lam				
Located Over	RDER TRIBUT	RDER TRIBUTARY TO KNEEHILLS				or Class	BR CLS A					
Located On 806:04 C1 16 042				5.01		Assista	nt Name					
Water Body CL/Year						Assista	nt Class					
Navigabil, CL/Yea	ar					Inspect	ion Date	15-Jul-2011				
Legal Land Locat	tion NW S	EC 9 TWP 31 R	GE 25 W4	1M		Data E	Data Entry By Marcia Chavez					
Longitude Latitude -113:30:04 51:38:42						Data Entry Date 16-Aug-2011						
Road Authority	Transportation	(AIT)			Reviewer Name		John O'Brien					
Contract Main. Area CMA20						Review Date		28-Jul-2011				
Clear Roadway/Skew 9 /						Dept. Reviewer Name		Andrew Smikie	Andrew Smikles			
AADT/Year	/ 2010 (A)				Dept. Review Date		29-Aug-2011					
Road Classification	209-110	9-110				ор Бу						
Detour Length (ki	m) 3											
Bridge Culvert Information												
Number of Culverts 1												
Pipe # B	arrel	Span	Rise (or	Dia.)	Туре		Length	Corr. Profile	Pl./Slab Thickness	Shape		
1 N	1AIN	-	2000		MP		57	75X25	2.8	ROUND		
Special Features	Special Features											
Special Features	Comment											
				1 14:	lition /l		ct)					
Litility Attachmen	te			Ull	iities (L		at)					
Telephone	10					Gas						
Power					Municipal							
Others					Probler	m (Y/N) No						
Remarks												
			Α	pproad	ch Road	d / Emba	ankment					
				Last	Now	Explan	ation of Condi	tion				
Horizontal Alignm	nent			8	8	Bottom of sag, crest curve to North with limited sight distance. No						
Vertical Alignment				6	6	passing NB.						
Roadway Width (m)		9.000										
Embankment			5	6	Road o	Road over pipe previously paved over 2-3 times over the						
Sideslope (:1)	3.0				Chipsealed. Small erosion channel developing on NE embankment - no problem						
(Height of Cover(m) : 6.8)						@ this time.						
Guardrail (Y/N) No												
Approach Road	/ Embankm	ent General Ra	ting	6	6							
		1			Upstre	am End						
Culvert Compon	ent			Last	Now	Explan	ation of Condi	tion				
Direction				E								
End Treatment (Concrete, Steel, STEEL Others, None)												
Headwall			X	Х								
Collar			X	Х								
Wingwalls			X	Х								
(Shape :)												
Cutoff Wall			X	X								

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Upstream End										
Culvert Component		Last	Now	Explanation of Condition						
Bevel End		8	8							
Heaving (mm)	0									
Invert Above/Below Stream Bed	BELOW									
Above/Below (mm)	500		-							
Scour Protection		5	5	Bottom & lower 1/3 of bevel is not buried in clay seal and is						
(Type : RIP RAP)				seceptible to piping even though it is armoured by rock - OK for now.						
(Avg. Rock Size(mm) : 300)										
Scour/Erosion		5	5							
Beavers (Y/N) No										
Upstream End General Rating			5							
		Brid	dqe Cu	lvert Barrel						
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	in (mm	ı):	, Rise (mm): 2000, Type: MP)						
Barrel Last Accessible Date	11-Jul-2011									
Special Features	l									
Special Feature										
(Type :)										
Special Feature										
(Type :)										
Roof		8	8							
Measured Rise (mm)	1985			Midepan						
Measured At Ring No.										
Sag (mm)	15			0.8%.						
Percent Sag	1									
Sidewall	·	8	8							
Measured Span (mm)	2005			Midepan						
Measured At Ring No.										
Deflection (mm)	5			0.3%						
Percent Deflection	0									
Floor		N	N							
Bulge (mm)	0									
Measured At Ring No.										
Abrasion (Y/N)	No			1						
Circumferential Seams		7	7							
Separation (mm)	10			1						
Longitudinal Seams		X	X							
Total No. of Cracked Rings				1						
Total No. of Rings with Two Cracked Seams										
Min. Remaining Steel Between Cracks (mm)										
Proper Lap (Y/N)										
Longitudinal Stagger (Y/N)										
Coating		7	6							
Corrosion By Soil (Y/N)	No									
Corrosion By Water (Y/N)	Yes									
Camber POS/ZERO/NEG	ZERO									
Ponding (Y/N)	No									

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Bridge Inspection & Maintenance System (Web 2005)

Bridge Culvert Barrel									
Culvert Component			Now	Explanation of Condition					
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	in (mm):	, Rise (mm): 2000, Type: MP)					
Fish Passage Adequacy			7						
Baffle			X						
(Type:)			_						
Waterway Adequacy		8	8						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating			7						
		D	ownstr	eam End					
Culvert Component		Last	Now	Explanation of Condition					
Direction		W							
End Treatment (Concrete, Steel, Others, None)	STEEL								
Headwall		X	X						
Collar		X	Х						
Wingwalls		X	Х	-					
(Shape :)									
Cutoff Wall		X	X						
Bevel End		8	8						
Heaving (mm)	0								
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	300		1						
Scour Protection		7	7						
(Type : RIP RAP)				-					
(Avg. Rock Size(mm) : 300)									
Scour/Erosion		7	7						
Beavers (Y/N)	No								
Downstream End General Ration	ng	7	7						
		s	Structu	re Usage					
		Last	Now	Explanation of Condition					
Channel (U/S and D/S)									
Alignment			7						
Bank Stability			7						
HWM (m below Top of Culvert)				HWM not visible.					
Drift (Y/N) No									
Channel Bottom Degrading/Aggrading				Unknown. Large slough at E end; backed-up at culvert opening.					
Beavers (Y/N) No									
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		7	7						

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		Maintenance Reco	ommendatio	ns				_	
Inspector Recommendations	Year	Inspector Comments	De	partment Comme	Target Year	Est. Cost	Cat #		
SHOTCRETE REPAIRS									
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
INSTALL CONCRETE/STEEL LINING									
INSTALL STRUTS									
INSTALL CONCRETE COLLAR/CUTC	DFF								
REPAIR SEAMS									
OTHER ACTION	2011	Remove vegetation/blockage at u/s end drain slough.	d to						
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/No. (%)	ow) 77.8/77	7.8 Sufficiency Rating (Last/No (%)	w) 77.4/	/77.2 E	st. Repl. Yr	2049	Maint. Rec	qd. (Y/N)	Yes
Special Comments for Next Inspection	Dep Cor	partment mments							
Maintenance Reviewed By			Dat	te		E	Estimated Total	0	
Proposed Long-Term Strategy				i					
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name Dave I		P	Previous Assistant's Name						
Next Inspection Date	15-Oct-2014	P	revious Inspe	vious Inspection Date 17-Mar-2005					
Inspection Cycle (Default) (months)	39								
Comment									